

FIG. 1

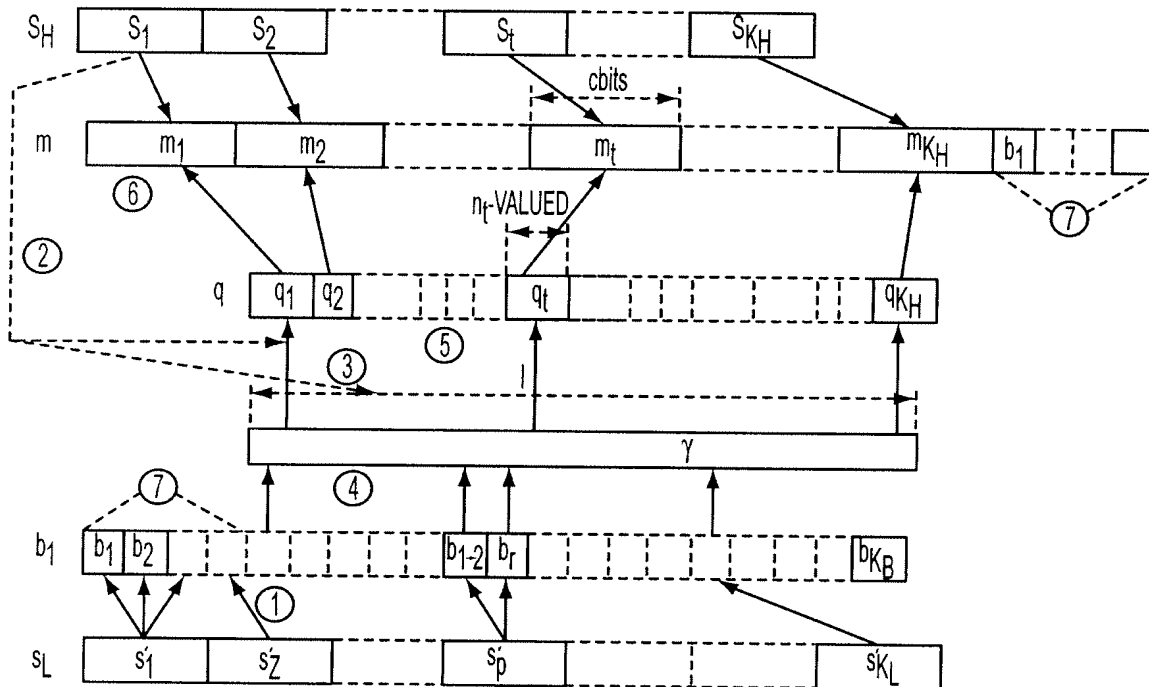
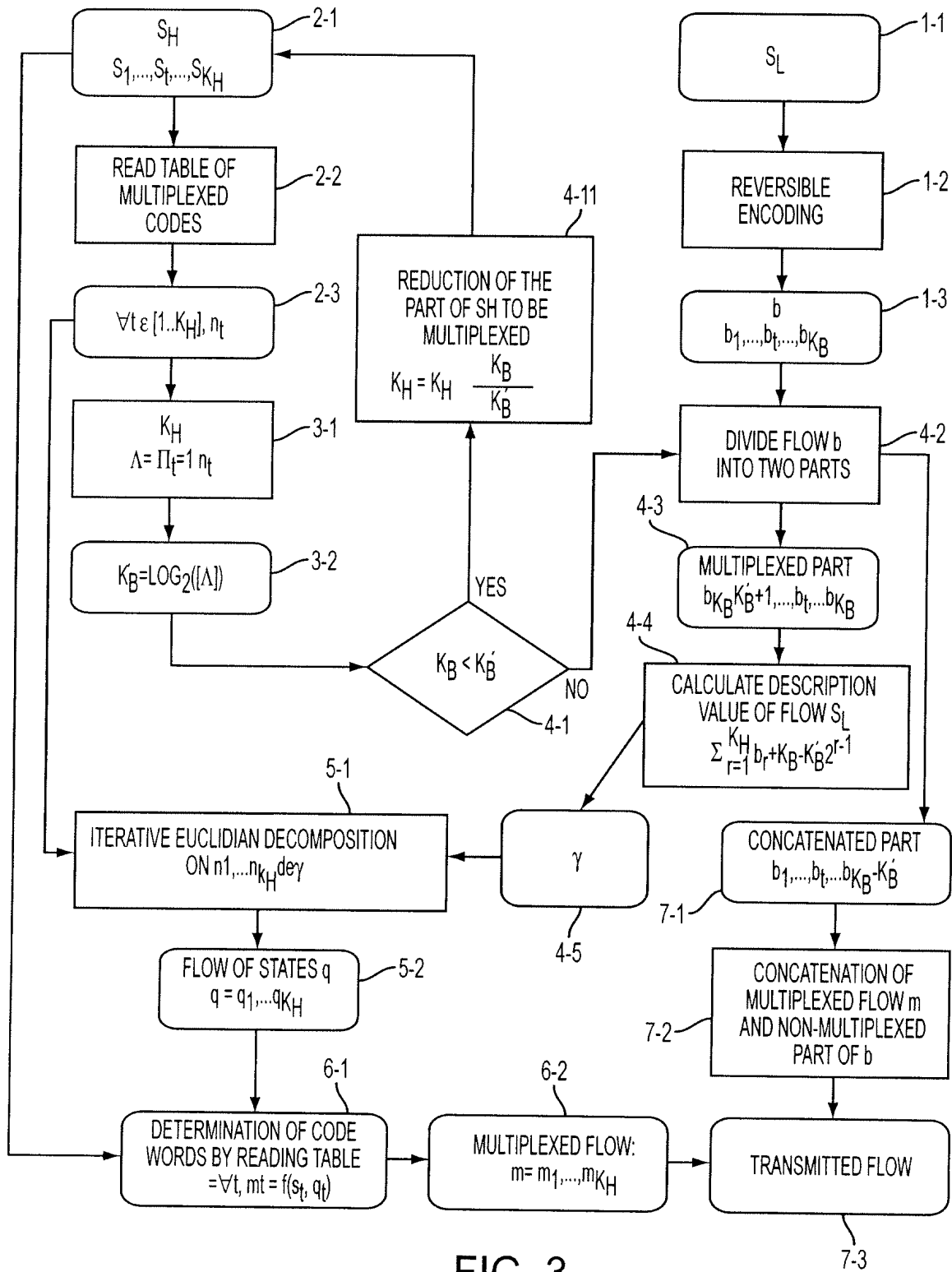
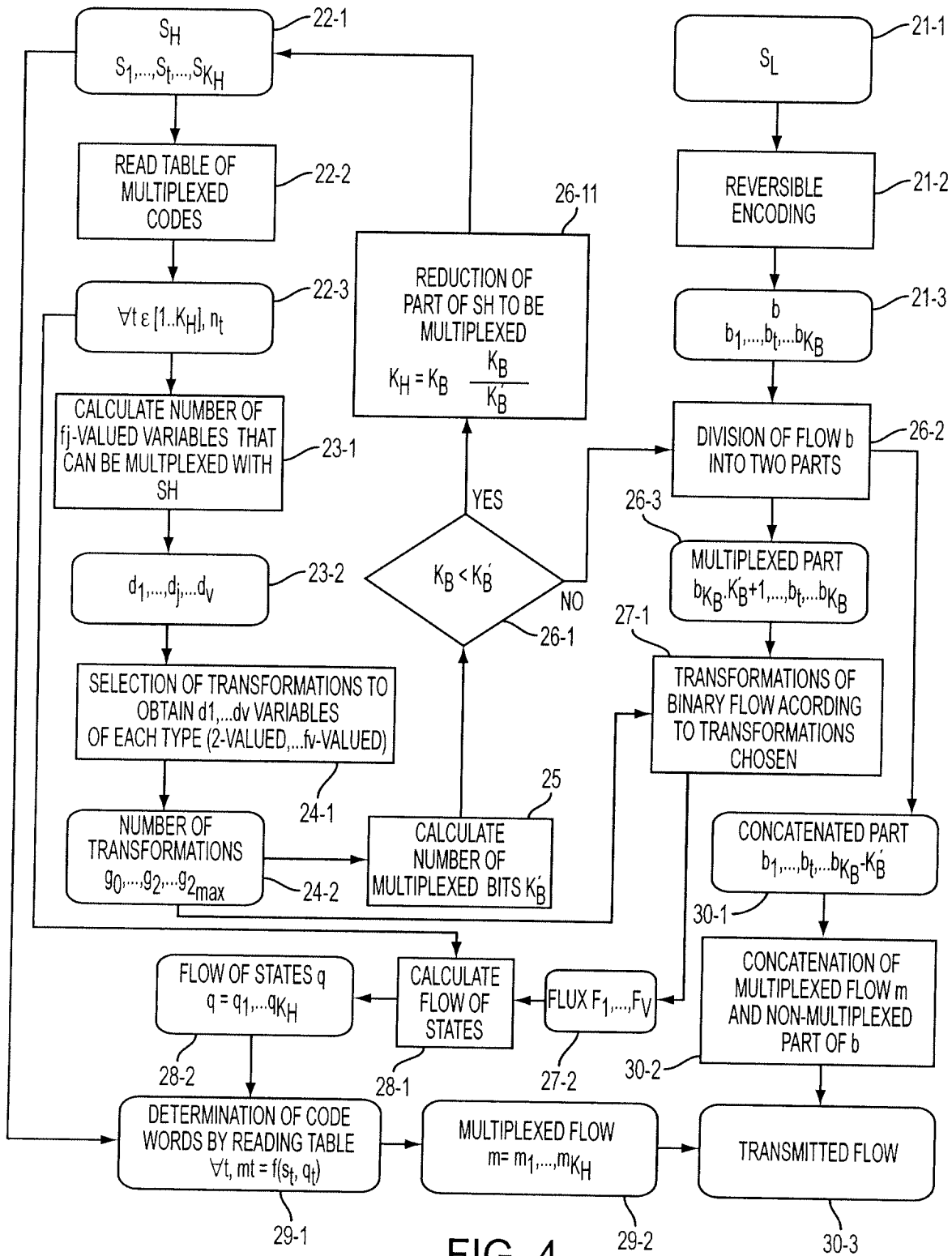


FIG. 2

11_A	12_A	13_A	14_A	15_A	16_A
CLASS C_i	CODE WORD $C_{i,q}$	SYMBOL a_i	$N_i = \text{CARD}(C_i)$	PROBABILITY μ_i	STATE q
C_1	0000	a	6	0.43	0
	0001				1
	0010				2
	0011				3
	0100				4
	0101				5
C_2	0110	b	5	0.30	0
	0111				1
	1000				2
	1001				3
	1010				4
C_3	1011	c	4	0.25	0
	1100				1
	1101				2
	1110				3
C_4	1111	d	1	0.02	0

FIG. 2A





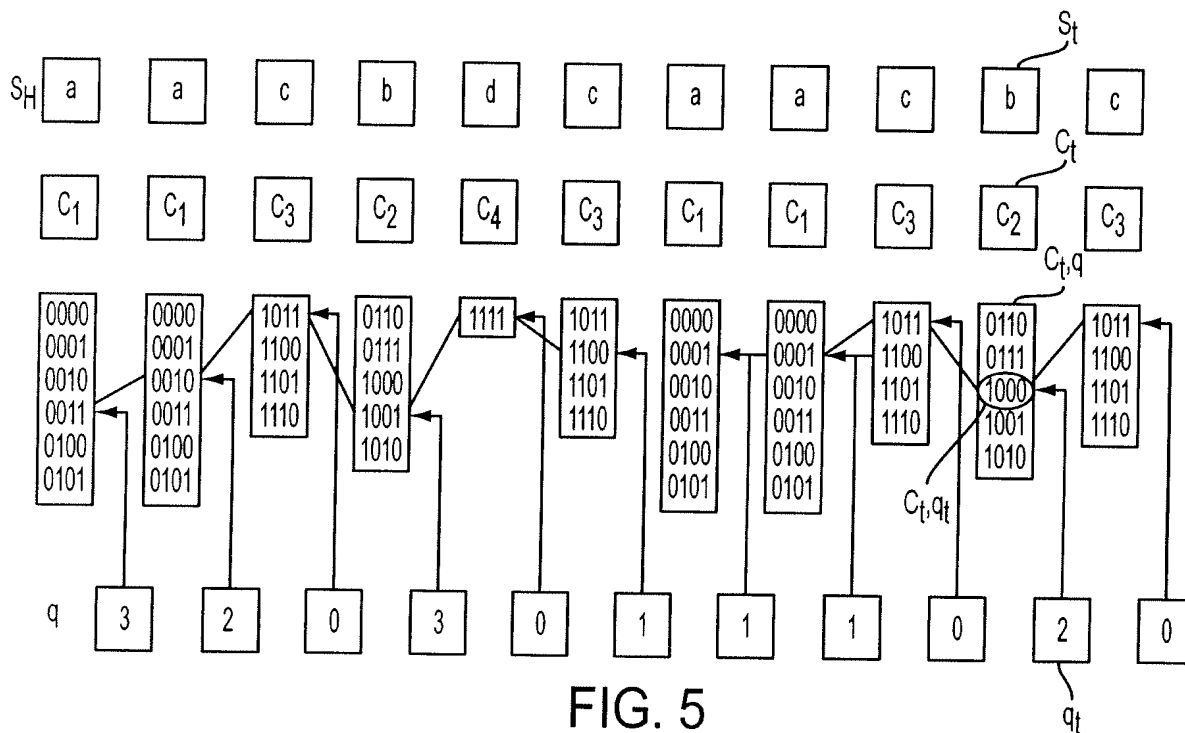
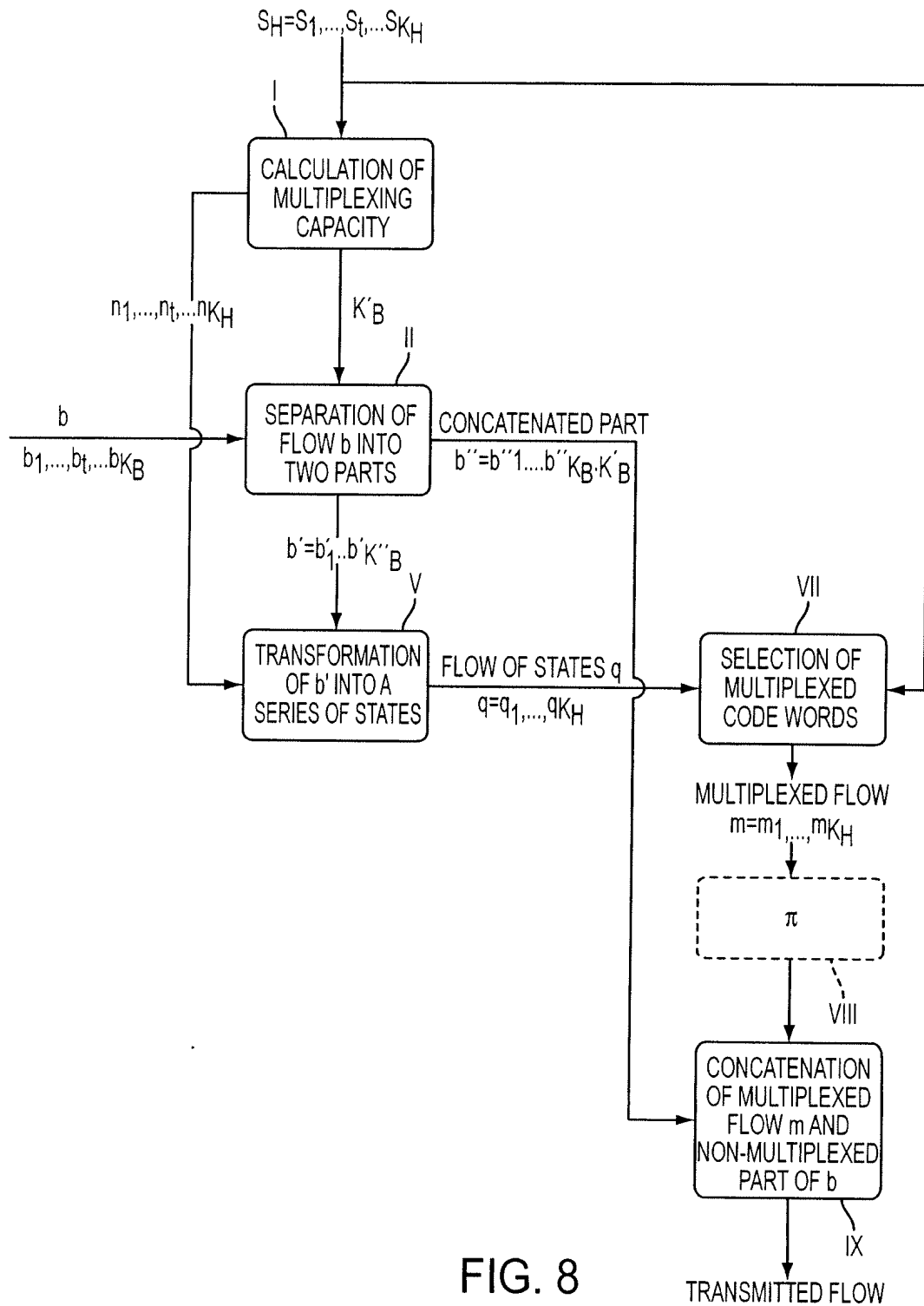


FIG. 5

T _Z IDENTIFIER	U _{TZ}	V _{TZ,1}	V _{TZ,2}	V _{TZ,3}	O _{TZ}
T ₀	1	1	0	0	0.0000
T ₁	15	0	8	1	0.0001
T ₂	21	0	3	7	0.0004
T ₃	19	0	12	0	0.0010
T ₄	25	0	7	6	0.0011
T ₅	24	0	2	9	0.0028
T ₆	14	0	3	4	0.0030
T ₇	18	0	7	3	0.0034
T ₈	27	0	1	11	0.0047
T ₉	17	0	2	6	0.0060
T ₁₀	30	0	0	13	0.0062
T ₁₁	20	0	1	8	0.0080
T ₁₂	11	0	7	0	0.0086
T ₁₃	23	0	0	10	0.0095
T ₁₄	6	0	1	2	0.0381
T ₁₅	3	0	2	0	0.0566
T ₁₆	2	0	0	1	0.1610
T _{Zmax} = T ₁₇	1	0	1	0	0.5850

FIG. 6



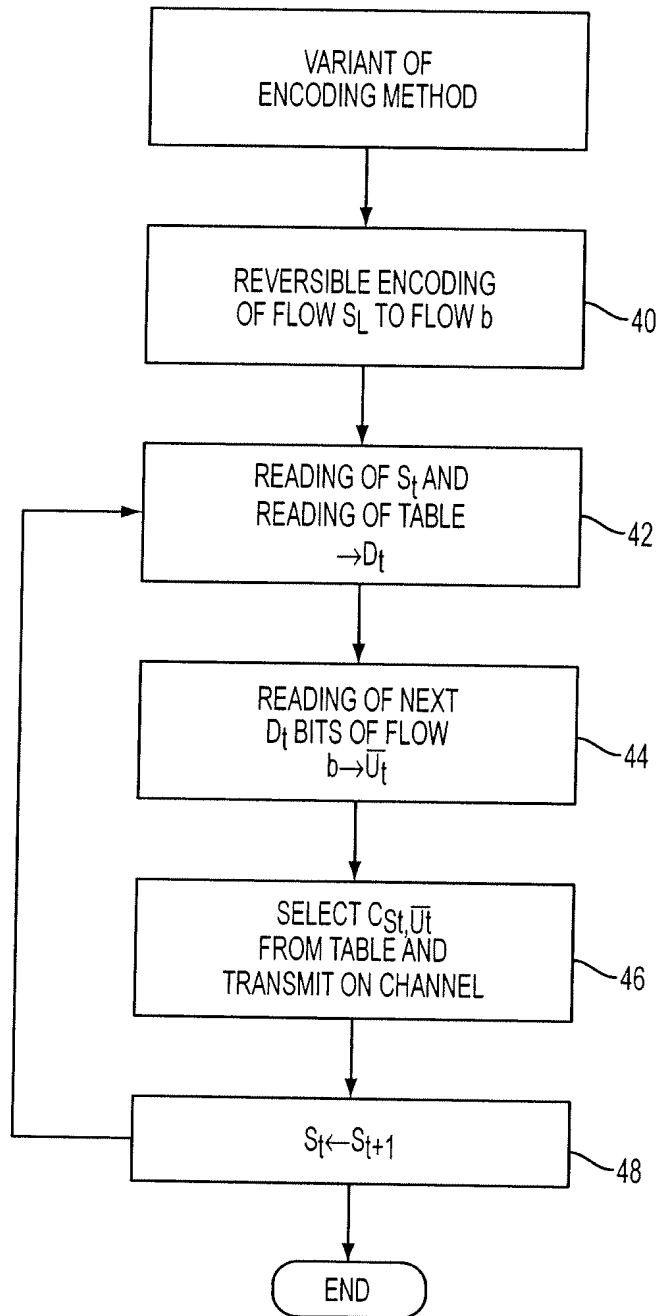


FIG. 9

11-B	12-B	13-B	18-B	14-B	15-B	17-B
CLASS C_i	C_i, \overline{U}_i	a_i	D_i	$N_i = Z^{1i}$	μ_i	\overline{U}_i
C_1	000	a_1	1	2	0.30	0
	001					1
C_2	010	a_2	2	4	0.43	00
	011					01
	100					10
	101					11
C_3	110	a_3	0	1	0.25	\emptyset
C_4	111	a_4	0	1	0.02	\emptyset

FIG. 2B

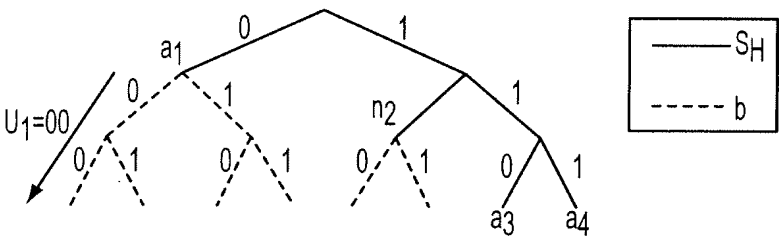


FIG. 7

S_t	a_2	a_1	a_1	a_3	a_1	a_2	a_1	a_4	a_2	a_1
PREFIX	10	0..	0..	110	0..	10.	0..	111	10.	0..
SUFFIX \overline{U}_t	..0	..10	.1010	.1	.010	.10
m_t	100	010	010	110	010	101	001	111	100	010

FIG. 10

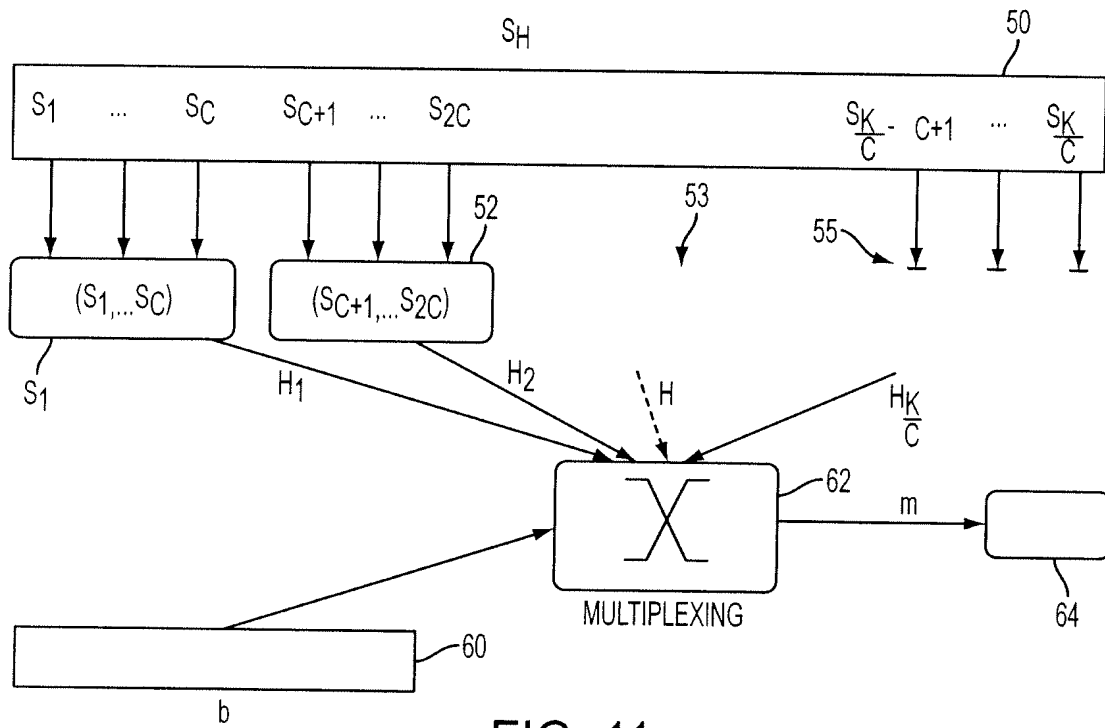


FIG. 11

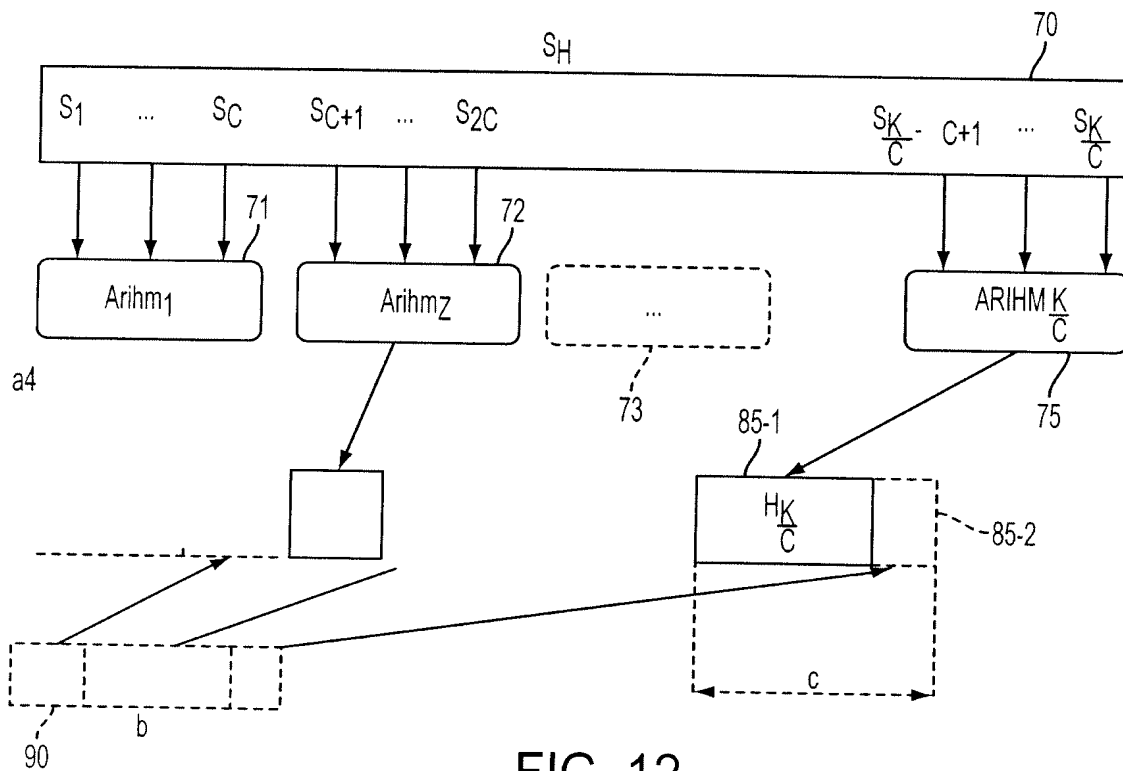


FIG. 12